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PATENT APPLICATION 10/786,782

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

RULE 116 AMENDMENT : RESPONSE TO FINAL REJECTION

In re Application of:

ATTORNEY DOCKET NO.

Allen L. Gilmer, et al.

Serial No.

10/786,782

Filing Date:

February 25, 2004

Group Art Unit:

2857

Examiner:

Donald E. McElheny Jr.

Title:

Method of Seismic Exploration by Discriminating Horizontal

and Vertical Shear Waves

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Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450 "EXPRESS MAIL"

Express Mailing Label No. EV 733635028 US Date of Deposit: October 5, 2005

I hereby certify that this paper is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Dear Sir:

Willia lilea

Willie Jiles

RESPONSE TO EXAMINER'S ACTION

In response to the Final Office Action mailed August 8, 2005, Applicants respectfully request the Examiner to reconsider the claims in view of the amendments and the comments as set forth below. Please amend the Application as follows.